

PHONE: (740) 926-9152 FAX: (740) 926-9138

June 4, 2002

Abbot Stevenson Ohio EPA 2195 Front Street Logan, Ohio 43138

Dear Abbot:

I would like to respond to the comments you made in the letter dated May 28, 2002, regarding PTI application #06-6766.

- 1. Melanie Homan, (740)-926-9152 will be the on-site representative
- 2. See attachment
- 3. See attachment
- 4. The only chemical we may need to treat the ponds is soda ash. This will be applied on an as-needed basis.

Sincerely,

Melanie Homan

Civil and Environmental Engineer

## OHIO DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION

## ATTACHMENT 20 (SEDIMENTATION POND/IMPOUNDMENT DATA SHEET)

App	TTCa.	nt s	Name	AII	erica	n Energ	у С	orporatio	on	·		Pond #	<u>15</u>
Тур	e of	imp	oundm	ent _	Exc	avated		Permane	ent _		Temp	orary _	X
1.	POND DRAINAGE AREA DATA:												
	a) b) c) d) e) f)	Dis Ave Hyd: Hyd:	turbe . lan rolog rauli	d are d slo ic so c len	a pe il gr gth	20 oup 943	acr <sup>%</sup> C ft.	ces	ea <u>Pa</u>	asture	/Fair		,
2.	DESIGN STORM CRITERIA:												
	a)	Meth	hod:										
	<ol> <li>Design method (s) including computer programs: SEDCAD 4.0</li> <li>SCS curve number various (see run sheets)</li> </ol>												
	b)	Rair	nfall	Amou	nt/Pea	ak Flow		Ra	infal	l,in.	Pea	k flow,	cfs.
		3)	25 5 50 5 (if 100	year, year, perma year,	24 hc 24 hc 6 hou anent) 6 ho ) size	our = er =		Ξ	3.	7 2		15.0 17.8	
3.	POND	SIZ	ZE:										
	a)	Dime	ension	ns: N/	'A Exc	avated	Pon	i					
	2)	Da Da	ии мтс	ien	I	t. (MIN)	5)	Dam dow Dam ups Core le	stream	m slop	e	용 (MAX)	(MAX)
	b)	Sec	dimen ot el	t sto	rage v	olume j	1.62	ac.ft.	is pr	ovided	d below	the <u>114</u>	7.8
	c) :	Stag	e/Are	a Dat	a:			Elevation ft.	n		ce Area ac.	Volu	
	2)	Stro Prin Eme:	ncipa rgenc	d at l spi y Spi	upstr llway	eam toe inlet: Crest:	:	1138.0 N/A 1147.8 1149.6 1152.0		0 0	.03 /A .29 .33	N/ 1.6 2.2 3.0	A 52 20

# OHIO DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION

# ATTACHMENT 20 (SEDIMENTATION POND/IMPOUNDMENT DATA SHEET)

ΑĻ	рттс	ant'	s Name American Ene	rgy Corporation	on Po	ond # <u>14</u>						
Ту	pe of	imp	oundment Excavated	Permanent _	Tempo:	rary <u>X</u>						
1.	POND DRAINAGE AREA DATA:											
	a) Drainage area 65.95 acres b) Disturbed area 61.54 acres c) Ave. land slope 25 % d) Hydrologic soil group C e) Hydraulic length 5077 ft. f) Cover/condition of the undisturbed area Pasture/Fair											
2.	DESIGN STORM CRITERIA:											
	a)	Method:										
		1) Design method (s) including computer programs: SEDCAD 4.0										
		2)	SCS curve number var	ious (see run s	heets)							
	b)	Rain	fall Amount/Peak Flow	Rainfa	ll,in. Pea	ak flow, cfs.						
		1) 2) 3)		<u>3.</u> 4.	7	101.9 121.1						
3.	POND	SIZ	Σ:									
	a) 1) 2) 3) b)	Dar Dar Dar Sed	nsions: N/A Excavated F n height 3 ft. n width 12 ft.(MIN) n length 1386 ft.	<ul><li>4) Dam downst</li><li>5) Dam upstre</li><li>6) Core lengt</li></ul>	eream slope 3 eam slope 50 th ft. f	_ % (MAX) t ft.						
	c) :	100	t elevation.	Elevation ft.	Surface Area	Volume ac. ft.						
	2) 3)	Stre Prin Exit	om of Pond: ambed at upstream toe: cipal spillway inlet: Channel Crest: of embankment:	1161.0 N/A N/A 1164.5 1167.0	3.59 N/A N/A 4.06 4.31	0 N/A N/A 13.44 23.99						

### State of Ohio Environmental Protection Agency

#### Southeast District Office

2195 Front Street

TELE: (740) 385-8501 FAX: (740) 385-6490

Bob Taft, Governor Christopher Jones, Director

May 28, 2002

Re:

Belmont County

American Energy Corp.

Century Mine PTI No. 06-6766

Correspondence (IWW)

Mr. Bill Siplivy 50 Munroe Falls Avenue Munroe Falls, Ohio 44262

Dear Mr. Siplivy:

I have reviewed Permit to Install (PTI) application #06-6766 for the 5 treatment ponds at the new refuse disposal area at the Century Mine. The following revisions and/or clarifications are necessary before processing can continue.

- 1. Provide the name, title and telephone number for an on-site representative who will be familiar with the treatment ponds after construction (this will be added to page 1 of the PTI form A under applicant contact).
- 2. On the ODNR-DMRM Attachment 20 for pond #14, the data provided under item (3)(b) doesn't correlate with the data in part (3)(c)(4). Revise.
- 3. On the ODNR-DMRM Attachment 20 for pond #15, a surface area needs to be provided under item (3)(c)(3). Revise.
- 4. Is any chemical treatment expected for any of these ponds? If so, list which chemicals and how they will be applied.

If you have any questions, please contact me at (740) 380-5284 at your convenience.

Sincerely,

Ms. Abbot Stevenson Environmental Engineer

Permits and Enforcement Section

Division of Surface Water

#### AS/dh

- c: Ryan Desco, American Energy Corp., Century Mine
- c: Ellen Greer, Hamilton and Associates
- c: AS file